

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION**

**MCDR INSPECTION REPORT
Hyderabad regional office**

Mine file No : AP/KNL/LST-121/HYD

Mine code : 38APR11046

- (i) Name of the Inspecting : **RK13**) **A.V.Ramesh Kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Boreddy, Manager(Mines)
Official with
Designation
- (iv) Date of Inspection : 25/03/2017
- (v) Prev.inspection date : 21/08/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PELUKUR**
- (b) **Registration NO.** : **IBM/668/2011**
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : PELUKUR
- Taluka : BEGANAPALLY
- Post office : PELUKUR
- Pin Code : 518598
- FAX No. : 08516276242
- E-mail : seshasaimining@yahoo.com
- Phone : 0851627342
- (f) **Police Station** : Banganapalli
- (g) **First opening date** : 10/04/1997
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : Shri B. Rajendranath,
H.N-10-161, AT/PO- BETHAMCHERLA
DISTRICT KURNOOL
3. (a) **Lease Number** : APR1272
- (b) **Lease area** : 4.05
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 09/04/2017
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : B.RAJENDRANATH
 B.RAJENDRANATH, H.NO:10/161
 BETHAMCHERLA, KURNOOL DT.
 KURNOOL ANDHRA PRADESH
 Phone:08516-273023
 FAX :

Owner : B.RAJENDRANATH
 MINE OWNER, H.NO:10/161
 BETHAMCHERLA KURNOOL, AP.
 KURNOOL ANDHRA PRADESH
 Phone: 08516-273042
 FAX :

Manager

Name : B.BOREDDY
 Qualification : DIP IN MINING
 Appointment/ :
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	20/01/1995
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	09/02/2004
	:	Mining Scheme rule 12 MCDR1988	16/11/2012

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal for exploration during the year 2016-17 was made.	No exploration was carried out during 2016-17	None
1b	Exploration over lease area for geological axis 1 or 2	It was proposed to bring total lease area under G1 scale of exploration	The Mining Lease area falls under G1 scale of exploration.	None
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	None	None
1e	Balance reserve as on 01/04/20	None	The balance of reserves as on 1.4.2017 are 183297 tonnes(111)	None
1f	General remarks of inspecting officers on geology, exploration etc	None	None	The total Mining lease area falls under G1 scale of exploration.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	It was proposed to work between grid lines N315-N415 and E53-E163	The development was carried out as proposed.	None
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal for topsoil or OB as both does not exist.	No topsoil or OB was generated during 2016-17	None
2c	Stripping ratio or ore to OB ratio	None	None	None

2d	Quantity of topsoil generation in m3	None	None	None
2e	Quantity of overburden generation in m3	None	None	None
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	None	None	None

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	It was proposed to develop the present working pit duirng 2016-17	It was observed that the working pit has been developed as proposed.	None
3b	Quantity of ROM mineral production proposed	It was proposed to produce 90000 tonnes duirng 2016-17	It was reported that 20820 tonnes produced duirng 2016-17	None
3c	Recovery of sailable/usable mineral from ROM production	None	Entire ROM produced is saleable.	None
3d	Quantity of mineral reject generation	None	None	None
3e	Grade of mineral rejects generation and threshold value declared.	None	None	None
3f	Quantity of sub grade mineral generation.	None	None	None
3g	Grade of sub grade mineral generation	None	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	It was proposed to work the mine by A OTFM method	It was noticed that the mine was working by way of A OTFM method	None

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	No beneficiation was carried out at minesite.	None
3j	Provision of drilling and blasting in mineral benches	It was proposed to work with occasional drilling and blasting with excavator.	It was observed that occasionally excavator used for taking out material	None
3k	Provision of mining machineries in mineral benches	None	None	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was proposed to maintain a height of at 3-4 meters	It was noticed that bench height is being maintained as proposed.	None
3m	Total area covered under excavation/pits	It was proposed to cover 3.8 ha	It was observed that 3.5 ha is under mining.	None
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil	Nil
3o	Total area put in use under different heads at the end of year	It was proposed to put to use about 3.80 ha	It was noticed that 3.5 ha has put to use for mining and allied activities.	None
3p	Production of ROM mineral during the last five year period as applicable	It was proposed to produce following quantities 2012-13 - 100000 tonnes 2013-14-97000 tonnes 2014-15-90000 tonnes 2015-16-90000 tonnes 2016-17-90000 tonnes	The actual production is as follows: 2012-13-45,790 tonnes 2013-14-24680 tonnes 2014-15-14725 tonnes 2015-16-14951 tonnes 2016-17-20820 tonnes	The production has not exceeded the proposed production figures
3q	General remarks of inspecting officers on method of mining etc.	None	None	None

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There no proposal for dumping/stacking topsoil/OB	None	None
4b	Location of topsoil, OB and mineral reject dumps	None	None	None
4c	Number of dumps within lease area and outside of lease area	None	None	None
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None	None	None
4e	Number of active and alive dumps.	None	None	None
4f	Number of dead dumps.	None	None	None
4g	Number of dumps established.	None	None	None
4h	Whether Retaining wall or garland drain all along dumps are there.	None	None	None
4i	Length of Retaining wall or garland drain all along dumps	None	None	None
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management	None	None	None

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	There are no proposal for backfilling	None	None

5b	Area under backfilling of mined out area	None	None	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	None	None
5d	Total area fully reclaimed and rehabilitated	None	None	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	None	None	None

Progressive Mine Closure Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	It was proposed to submit report as per rule 26(2) of MCDR, 2017	The report was submitted.	None
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	It was proposed to plant 150 sapling duirng 2016-17.	A total of 50 saplings have been planted.	None
6d	No. of saplings planted during the year	200	50	None
6e	Cumulative no .of plants	800 saplings	250 sapligs	None
6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	It was reported that an amount of Rs.75000/- was incurred	None	None

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	None	None	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None	None	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	None	None	None
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None	None	None
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	None	None	None
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	None	None	None
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	None	None	None
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	None	None	None

6p	Compliance of environmental monitoring (core zone and buffer zone)	None	None	None
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	None	None	None

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	It was proposed to produce 90000 tonnes duirng 2016-17	It was reported that 20820 tonnes was produced duirng 2016-17	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None	None	None
7c	Different grade of mineral sorted out at mines.	None	None	None
7d	Any beneficiation process at mines .	None	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	None	None	None

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	None	None	None

8b	Concurrent use or storage of topsoil	None	None	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None	None	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None	None	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None	None	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Except for the plantation done by lessee and few bushes, no other vegetation was noticed.	None	None
8g	Survival rate	60%	50%	50%
8h	Water sprinkling on roads to control airborne dust	It was proposed to control dust by using water sprinkling	It was noticed that dust suppression was being carried out by way of using water sprinklers.	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	None	None	None

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	It was proposed to submit the monthly and annual returns	It was noticed that monthly and annual returns are submitted regularly.	None
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	It was noticed that there is only one Mining engineer	None	None
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	It was proposed to cover 3.8 ha	It was reported that 3.5 ha is under mine workings	None
9d	Scrutiny of Annual return on afforestation	It was proposed to plant 150 saplings	It was reported that only 50 saplings were planted	None
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None	None	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	It was proposed to produce 90000 tonnes during 2016-17	It was reported that 20820 tonnes was produced during 2016-17	None
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price reported for the year 2015-16 was Rs.155/- The annual return for the year 2016-17 was not yet due as on date of inspection	None	None
9h	Scrutiny of Annual return on fixed assets	None	it was reported in the annual return 2015-16 the value of fixed assets as Rs.2000000/-	None
9k	Scrutiny of Annual return on mining machineries	None	None	None

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :
(A.V.Ramesh Kumar)

Indian Bureau of Mines